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CONFIRMATION NO. 1910

<b>SERIAL NUMBER</b> 10781,390	<b>FILING OR 371(c) DATE</b> 02/18/2004 <b>RULE</b>	<b>CLASS</b> 707	<b>GROUP ART UNIT</b> 2161	<b>ATTORNEY DOCKET NO.</b> MS1-1918US
<b>APPLICANTS</b> Ceary L. Eppley, Carnation, WA; Umesh Madan, Bellevue, WA; David Wortendyke, Seattle, WA;				
<b>** CONTINUING DATA *****</b> <i>N/A</i> <i>✓</i>				
<b>** FOREIGN APPLICATIONS *****</b> <i>N/A</i> <i>✓</i>				
<b>IF REQUIRED, FOREIGN FILING LICENSE GRANTED</b> <b>** 05/14/2004</b>				
Foreign Priority claimed <input type="checkbox"/> yes <input checked="" type="checkbox"/> no 35 USC 119 (a-d) conditions <input type="checkbox"/> yes <input checked="" type="checkbox"/> no <input type="checkbox"/> Met after met Allowance Verified and Acknowledged <i>[Signature]</i> Examiner's Signature Initials		<b>STATE OR COUNTRY</b> WA	<b>SHEETS DRAWING</b> 6	<b>TOTAL CLAIMS</b> 29
			<b>INDEPENDENT CLAIMS</b> 5	
<b>ADDRESS</b> 22801				
<b>TITLE</b> SYSTEMS AND METHODS FOR FILTER PROCESSING USING HIERARCHICAL DATA AND DATA STRUCTURES				
<b>FILING FEE RECEIVED</b> 1104	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:		<input type="checkbox"/> All Fees <input type="checkbox"/> 1.16 Fees ( Filing ) <input type="checkbox"/> 1.17 Fees ( Processing Ext. of time ) <input type="checkbox"/> 1.18 Fees ( Issue ) <input type="checkbox"/> Other _____ <input type="checkbox"/> Credit	